

Akshata Krishnamurthy

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

669
citations

1163117

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1125743

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g-index

14
all docs

14
docs citations

14
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39.	7.7	190
2	Stellar Flares from the First TESS Data Release: Exploring a New Sample of M Dwarfs. <i>Astronomical Journal</i> , 2020, 159, 60.	4.7	184
3	A planet within the debris disk around the pre-main-sequence star AU Microscopii. <i>Nature</i> , 2020, 582, 497-500.	27.8	145
4	An Eccentric Massive Jupiter Orbiting a Subgiant on a 9.5-day Period Discovered in the Transiting Exoplanet Survey Satellite Full Frame Images. <i>Astronomical Journal</i> , 2019, 157, 191.	4.7	46
5	TOI-222: a single-transit TESS candidate revealed to be a 34-d eclipsing binary with CORALIE, EulerCam, and NGTS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1761-1769.	4.4	30
6	Demonstrating High-precision Photometry with a CubeSat: ASTERIA Observations of 55 Cancri e. <i>Astronomical Journal</i> , 2020, 160, 23.	4.7	29
7	THEO concept mission: Testing the Habitability of Enceladus's Ocean. <i>Advances in Space Research</i> , 2016, 58, 1117-1137.	2.6	13
8	TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS. <i>Astronomical Journal</i> , 2020, 160, 229.	4.7	11
9	TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , 2021, 161, 82.	4.7	8
10	Precision characterization of the TESS CCD detectors: Quantum efficiency, charge blooming and undershoot effects. <i>Acta Astronautica</i> , 2019, 160, 46-55.	3.2	6
11	An optical test bench for the precision characterization of absolute quantum efficiency for the TESS CCD detectors. <i>Journal of Instrumentation</i> , 2017, 12, C05013-C05013.	1.2	3
12	HD 219134 Revisited: Planet d Transit Upper Limit and Planet f Transit Nondetection with ASTERIA and TESS. <i>Astronomical Journal</i> , 2021, 161, 117.	4.7	2
13	Transit Search for Exoplanets around Alpha Centauri A and B with ASTERIA. <i>Astronomical Journal</i> , 2021, 161, 275.	4.7	2
14	System Theoretic Process Analysis (STPA) of the Mars oxygen ISRU experiment (MOXIE). , 2018, , .		0